

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

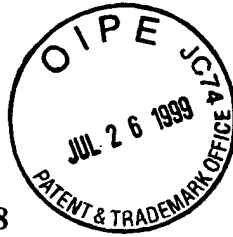
In re application of:

**Woo-Sup SHIN**

Serial No: **09/039,438**

Filed: **March 16, 1998**

For: **Etching Apparatus**



Art Unit: 1763

Examiner: TBA

#7  
7/28/99  
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**INFORMATION DISCLOSURE**  
**UNDER 37 CFR 1.97(b)**

Asst. Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure, since it is being submitted prior to the last of 1) issuance of a first Office Action on the merits, or 2) expiration of the three-month period following filing of the above-identified application.

It is respectfully requested that the information be considered by the Examiner and that a copy of the attached Form PTO-1449 be returned indicating that such information has been considered.

In the event any fees are required in connection with this paper, please charge Deposit Account No. 12-1820. A copy of this document is enclosed.

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Applicants' undersigned attorney may be reached in our Washington office by telephone at (202) 223-5700. All correspondence should be directed to the below-listed address.

Respectfully submitted,  
LOEB & LOEB LLP

Date: July 26, 1999

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